

CLAIMS

We claim:

1.A method for preparation of medicines including interferon, comprising the first step of detecting the number of the interferon receptors on a surface of the cell, and the second step of determining dosage according to an extent of the interferon receptors on the surface of the cell.

2.The method for preparation of medicines including interferon according to claim 1 wherein said first step is characterized by measuring the value that corresponds to the amount of 2-5AS induced in the cell.

3.A medicine including interferon which is prepared so that the interferon dosage is less than 3 million IU in each administration.

4.The medicine including interferon according to claim 3 wherein said interferon dosage is more than the amount so that the expected outstanding effects of interferon are exerted.

5.A administering system of the medicines including interferon, comprising a first step for detecting the number of interferon receptors on a surface of the cell, and a second step for administering the medicine including interferon being prepared so that an interferon dosage is determined according to an extent of IFN receptors on the surface of the cell.

6.The administering system of the medicines including interferon according to claim 5 wherein said first step is characterized by measuring the value that corresponds to the amount of 2-5AS induced in the cell.

7.The administering system of the medicines including interferon according to claim 5 wherein said interferon dosage is less than 3 million IU in each administration.

8.The administration system of the medicines including interferon according to claim 5 wherein said medicines including interferon is administered twice or more a week.

9.The administering system of the medicines including interferon according to claim 8 wherein said medicines interferon is not administered daily.

10.The administering system of the medicines including interferon according to claim 5 wherein

said interferon includes IFN- α or IFN- β .

11.The administering system of the medicines including interferon according to claim 10 wherein said medicines including interferon is used to treat chronic liver disease due to infection with HCV.